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2. ELECTROPHORETIC DISPLAY DEVICE

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INVENTOR(S)- KISHI, ETSURO

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APPLICANT(S)- CANON INC

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PROBLEM TO BE SOLVED: To embody a long-term stable memory characteristic without requiring switching control of an open state without depending upon electrode holding charges.

SOLUTION: A colored insulative liquid 6 and colored electrostatic charge particles 7 dispersed in the colored insulative liquid 6 are held within the closed spaces enclosed by a transparent display substrate 1, a counter substrate 2 and partition walls 3. Transparent electrodes 4 are arranged on the transparent display substrate 1 of the respective closed spaces and counter electrodes 5 are arranged on the counter substrate 2. The transparent electrodes 4 and the counter electrodes 5 have fixing surfaces 13 where the colored electrostatic charge particles 7 gather thereon. Charge films 8 which stationarily electrostatically charge the surface charge of the polarity reverse from the polarity of the colored electrostatic charge particles 7 are arranged on the fixing surfaces 13.

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